

COMMONWEALTH OF PUERTO RICO  
PUERTO RICO ELECTRIC POWER AUTHORITY

SAN JUAN, PUERTO RICO



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March 20, 2013

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Ms. Wanda García, Manager  
Water Quality Area  
Environmental Quality Board  
PO Box 11488  
San Juan, PR 00910

Dear Ms. García:

**Puerto Rico Electric Power Authority  
Aguirre Power Complex – NPDES Permit PR0001060  
Interim Mixing Zone Validation**

On October 28, 2008, the Puerto Rico Electric Power Authority (PREPA) requested the Outfall 001 Interim Mixing Zone validation to the Environmental Quality Board (EQB). On September 9, 2011, EQB approved the thermal plume study presented in the Quality Assurance and Project Study Plan which included the Mixing Zone Monitoring Protocol. According to the Aguirre Power Complex NPDES Permit Special Condition 23.n, PREPA is submitting the report that includes the results of the Mixing Zone Monitoring studies performed for the mixing zone validation. These studies were finished by December 21, 2012.

PREPA is including the aforementioned mixing zone reports for EQB evaluation to determine if the effluent limitations for the mixing zone will become final. PREPA will submit a validation report in the next 30 days, according with the Section 1305.9 of the Puerto Rico Water Quality Standard, that will include a comparative analysis between the measured values in the sampling program and the values calculated by the model for corresponding points throughout the periphery of the mixing zone for calibration and validation of the models used to defined the Interim Mixing Zone.

For additional information, please contact Mr. Ruperto Berríos, Water Quality Department Manager, at (787) 521-4965 or 521-4964.

Cordially,

  
Rafael Marrero Carrasquillo, Acting Head  
Environmental Protection  
and Quality Assurance Division

Enclosures